#2

```
        RAW SEQUENCE LISTING              DATE: 05/18/2001
        PATENT APPLICATION:  US/09/830,802    TIME: 10:59:08

        Input Set : A:\34158A.txt
        Output Set: N:\CRF3\05182001\I830802.raw
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ENTERED

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    4 <110> APPLICANT: METHEXIS N.V.
    6 <120> TITLE OF INVENTION: RESTRICTED AMPLICON ANALYSIS
    8 <130> FILE REFERENCE: 29314/34158A
C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/830,802
C--> 11 <141> CURRENT FILING DATE: 2001-04-30
   13 <150> PRIOR APPLICATION NUMBER: 60/107,293
   14 <151> PRIOR FILING DATE: 1998-11-09
   16 <160> NUMBER OF SEQ ID NOS: 28
   18 <170> SOFTWARE: PatentIn Ver. 2.0
   20 <210> SEQ ID NO: 1
   21 <211> LENGTH: 17
   22 <212> TYPE: DNA
   23 <213> ORGANISM: Artificial Sequence
   25 <220> FEATURE:
   26 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
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   29 ctcgtagact gcgtacc                                    17
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   33 <212> TYPE: DNA
   34 <213> ORGANISM: Artificial Sequence
   36 <220> FEATURE:
   37 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
   39 <220> FEATURE:
   40 <223> OTHER INFORMATION: As presented in the Sequence Listing the
   41       nucleotide sequence reads in the 5' to 3'
   42       direction. As presented in the specification the
   43       sequence reads in the 3' to 5' direction.
   45 <400> SEQUENCE: 2
   46 aattggtacg cagtctac                                   18
   48 <210> SEQ ID NO: 3
   49 <211> LENGTH: 16
   50 <212> TYPE: DNA
   51 <213> ORGANISM: Artificial Sequence
   53 <220> FEATURE:
   54 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
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   57 gacgatgagt cctgag                                     16
   59 <210> SEQ ID NO: 4
   60 <211> LENGTH: 14
   61 <212> TYPE: DNA
   62 <213> ORGANISM: Artificial Sequence
   64 <220> FEATURE:
   65 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
   67 <220> FEATURE:
   68 <223> OTHER INFORMATION: As presented in the Sequence Listing the
   69       nucleotide sequence reads in the 5' to 3'
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RAW SEQUENCE LISTING   DATE: 05/18/2001
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70        direction. As presented in the specification the
71        sequence reads in the 3' to 5' direction.
73 <400> SEQUENCE: 4
74 tactcaggac tcat                                          14
76 <210> SEQ ID NO: 5
77 <211> LENGTH: 18
78 <212> TYPE: DNA
79 <213> ORGANISM: Artificial Sequence
81 <220> FEATURE:
82 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
84 <220> FEATURE:
85 <221> NAME/KEY: misc_feature
86 <222> LOCATION: (17)
87 <223> OTHER INFORMATION: At position 17 N = A, C, G, or T
89 <220> FEATURE:
90 <221> NAME/KEY: misc_feature
91 <222> LOCATION: (18)
92 <223> OTHER INFORMATION: At position 18 N = A, C, G, or T
94 <400> SEQUENCE: 5
95 gactgcgtac caattcnn                                       18
97 <210> SEQ ID NO: 6
98 <211> LENGTH: 19
99 <212> TYPE: DNA
100 <213> ORGANISM: Artificial Sequence
102 <220> FEATURE:
103 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
105 <220> FEATURE:
106 <221> NAME/KEY: misc_feature
107 <222> LOCATION: (17)
108 <223> OTHER INFORMATION: At position 17 N = A, C, G, or T
110 <220> FEATURE:
111 <221> NAME/KEY: misc_feature
112 <222> LOCATION: (18)
113 <223> OTHER INFORMATION: At position 18 N = A, C, G, or T
115 <220> FEATURE:
116 <221> NAME/KEY: misc_feature
117 <222> LOCATION: (19)
118 <223> OTHER INFORMATION: At position 19 N = A, C, G, or T
120 <400> SEQUENCE: 6
121 gatgagtcct gagtagnnn                                      19
123 <210> SEQ ID NO: 7
124 <211> LENGTH: 21
125 <212> TYPE: DNA
126 <213> ORGANISM: Artificial Sequence
128 <220> FEATURE:
129 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
131 <400> SEQUENCE: 7
132 ctcgtagact gcgtacatgc a                                  21
133 <210> SEQ ID NO: 8
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RAW SEQUENCE LISTING   DATE: 05/18/2001
PATENT APPLICATION: US/09/830,802   TIME: 10:59:08

Input Set : A:\34158A.txt
Output Set: N:\CRF3\05182001\I830802.raw

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135 <212> TYPE: DNA
136 <213> ORGANISM: Artificial Sequence
138 <220> FEATURE:
139 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
141 <220> FEATURE:
142 <223> OTHER INFORMATION: As presented in the Sequence Listing the
143       nucleotide sequence reads in the 5' to 3'
144       direction. As presented in the specification the
145       sequence reads in the 3' to 5' direction.
147 <400> SEQUENCE: 8
148 tgtacgcagt ctac                                         14
150 <210> SEQ ID NO: 9
151 <211> LENGTH: 16
152 <212> TYPE: DNA
153 <213> ORGANISM: Artificial Sequence
155 <220> FEATURE:
156 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
158 <400> SEQUENCE: 9
159 gactgcgtac atgcag                                       16
161 <210> SEQ ID NO: 10
162 <211> LENGTH: 16
163 <212> TYPE: DNA
164 <213> ORGANISM: Artificial Sequence
166 <220> FEATURE:
167 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
169 <400> SEQUENCE: 10
170 gatgagtcct gagtag                                       16
172 <210> SEQ ID NO: 11
173 <211> LENGTH: 21
174 <212> TYPE: DNA
175 <213> ORGANISM: Artificial Sequence
177 <220> FEATURE:
178 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
180 <400> SEQUENCE: 11
181 gagcatctga cgcatgttgc a                                 21
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184 <211> LENGTH: 14
185 <212> TYPE: DNA
186 <213> ORGANISM: Artificial Sequence
188 <220> FEATURE:
189 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
191 <220> FEATURE:
192 <223> OTHER INFORMATION: As presented in the Sequence Listing the
193       nucleotide sequence reads in the 5' to 3'
194       direction. As presented in the specification the
195       sequence reads in the 3' to 5' direction.
197 <400> SEQUENCE: 12
198 acatgcgtca gatg                                         14
```

VERIFICATION SUMMARY   DATE: 05/18/2001
PATENT APPLICATION: US/09/830,802   TIME: 10:59:09

    Input Set : A:\34158A.txt
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L:10 M:270 C: Current Application Number differs, Replaced Application Number
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:95 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:121 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:331 M:283 W: Missing Blank Line separator, <220> field identifier
L:397 M:283 W: Missing Blank Line separator, <220> field identifier

RAW SEQUENCE LISTING   DATE: 05/18/2001
PATENT APPLICATION: US/09/830,802   TIME: 10:59:08

Input Set : A:\34158A.txt
Output Set: N:\CRF3\05182001\I830802.raw

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266 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
268 <220> FEATURE:
269 <223> OTHER INFORMATION: As presented in the Sequence Listing the
270       nucleotide sequence reads in the 5' to 3'
271       direction. As presented in the specification the
272       sequence reads in the 3' to 5' direction.
274 <400> SEQUENCE: 18
275 gggtacgcag tctac                                           15
277 <210> SEQ ID NO: 19
278 <211> LENGTH: 16
279 <212> TYPE: DNA
280 <213> ORGANISM: Artificial Sequence
282 <220> FEATURE:
283 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
285 <400> SEQUENCE: 19
286 gactgcgtac ccatta                                          16
288 <210> SEQ ID NO: 20
289 <211> LENGTH: 20
290 <212> TYPE: DNA
291 <213> ORGANISM: Artificial Sequence
293 <220> FEATURE:
294 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
296 <400> SEQUENCE: 20
297 gagcatctga cgcatgggat                                      20
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300 <211> LENGTH: 15
301 <212> TYPE: DNA
302 <213> ORGANISM: Artificial Sequence
304 <220> FEATURE:
305 <223> OTHER INFORMATION: As presented in the Sequence Listing the
306       nucleotide sequence reads in the 5' to 3'
307       direction. As presented in the specification the
308       sequence reads in the 3' to 5' direction.
310 <220> FEATURE:
311 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
313 <400> SEQUENCE: 21
314 cccatgcgtc agatg                                           15
316 <210> SEQ ID NO: 22
317 <211> LENGTH: 16
318 <212> TYPE: DNA
319 <213> ORGANISM: Artificial Sequence
321 <220> FEATURE:
322 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
324 <400> SEQUENCE: 22
325 ctgacgcatg ggatta                                          16
327 <210> SEQ ID NO: 23
328 <211> LENGTH: 16
329 <212> TYPE: DNA
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RAW SEQUENCE LISTING   DATE: 05/18/2001
PATENT APPLICATION: US/09/830,802   TIME: 10:59:08

Input Set : A:\34158A.txt
Output Set: N:\CRF3\05182001\I830802.raw

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200 <211> LENGTH: 16
201 <212> TYPE: DNA
202 <213> ORGANISM: Artificial Sequence
204 <220> FEATURE:
205 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
207 <400> SEQUENCE: 13
208 ctgctactca ggactg                                         16
210 <210> SEQ ID NO: 14
211 <211> LENGTH: 14
212 <212> TYPE: DNA
213 <213> ORGANISM: Artificial Sequence
215 <220> FEATURE:
216 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
218 <220> FEATURE:
219 <223> OTHER INFORMATION: As presented in the Sequence Listing the
220       nucleotide sequence reads in the 5' to 3'
221       direction. As presented in the specification the
222       sequence reads in the 3' to 5' direction.
224 <400> SEQUENCE: 14
225 tacagtcctg agta                                           14
227 <210> SEQ ID NO: 15
228 <211> LENGTH: 16
229 <212> TYPE: DNA
230 <213> ORGANISM: Artificial Sequence
232 <220> FEATURE:
233 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
235 <400> SEQUENCE: 15
236 ctgacgcatg ttgcag                                         16
238 <210> SEQ ID NO: 16
239 <211> LENGTH: 16
240 <212> TYPE: DNA
241 <213> ORGANISM: Artificial Sequence
243 <220> FEATURE:
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246 <400> SEQUENCE: 16
247 ctactcagga ctgtag                                         16
249 <210> SEQ ID NO: 17
250 <211> LENGTH: 20
251 <212> TYPE: DNA
252 <213> ORGANISM: Artificial Sequence
254 <220> FEATURE:
255 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
257 <400> SEQUENCE: 17
258 ctcgtagact gcgtacccat                                     20
260 <210> SEQ ID NO: 18
261 <211> LENGTH: 15
262 <212> TYPE: DNA
263 <213> ORGANISM: Artificial Sequence
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